

Tech Tools: Digital Images

Learning Plan

Class Title: Digital Images
Description: How can digital images be incorporated in the classroom? What are some good techniques for taking photos? How can you edit and manipulate image files to your advantage? What are some good resources for digital images? This workshop will address all these questions and help you to think about how to include digital images in your teachings!
Learning Targets: <ul style="list-style-type: none">☑ Explore ideas for how Digital Images can be used to enhance classroom learning.☑ Understand how file types, size, and dimensions relate to Digital Images.☑ Capture photographs utilizing good photography technique.☑ Create a Picasa account and upload Photos.
WI Educator Standards addressed: 3, 4, 7, 9, 10
Class vocabulary: crop, pixel, megapixel, pixilated, resolution, web album, tagging photos, keyword, half-press, shutter button, optical zoom, digital zoom, kilobyte (KB), megabyte (MB), gigabyte (GB)
Learning Styles accommodated in this class: Visual, Social, Verbal
Multiple Intelligences accommodated in this class: Visual/Spatial, Interpersonal
Bibliography: <ul style="list-style-type: none">☑ Bell, R., Park, J., and Toti, D. "Digital Images in the Science Classroom." Learning & Leading with Technology. May 2004. Pg 26-28.☑ Bull, G., and Thompson, A. "Establishing A Framework for Digital Images in the School Curriculum." Learning & Leading with Technology. May 2004. Pg 10-13.☑ Kajder, S., and Swenson, J. "Digital Images in the Language Arts Classroom." Learning & Leading with Technology. May 2004. Pg 18-21.☑ Marzano, Norford, Paynter, Pickering, & Gaddy; <u>Classroom Instruction That Works</u>; Chapter 11 Nonlinguistic Representations☑ Sharp, B., Garofalo, J., and Thompson, A. "Digital Images in the Mathematics Classroom." Learning & Leading with Technology. May 2004. Pg 30-32.☑ Van Hover, S., Swan, K., and Berson, M. "Digital Images in the History Classroom." Learning & Leading with Technology. May 2004. Pg 22-25.
Websites: <ul style="list-style-type: none">☑ http://computer.howstuffworks.com/bytes.htm☑ http://digitcamhelp.com☑ http://picasa.google.com☑ http://www.commoncraft.com☑ http://www.kodak.com
Differentiation: